



Approved for use through 07/31/2006. OMB 0651-0045

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

*(Use as many sheets as necessary)*

Sheet 1

of 1

Attorney Docket Number	2400/19
------------------------	---------

Application Number	10/645,719
Filing Date	August 20, 2003
First Named Inventor	Daniel C. Sawyer
Art Unit	
Examiner Name	
Attorney Docket Number	2400/19

[illegible]

**Examiner  
Signature**

**Date**  
**Considered**

7-20-05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The Information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

***If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.***

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/645,719
Filing Date	August 20, 2003
First Named Inventor	Daniel C. Sawyer
Art Unit	
Examiner Name	
Attorney Docket Number	2400/19

Sheet 1

of 1

Attorney Docket Number	2400/19
------------------------	---------

## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner  
Signature**

Date Considered

7-23-05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.**



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

Application Number	10/645,719
Filing Date	August 20, 2003
First Named Inventor	Daniel C. Sawyer
Art Unit	
Examiner Name	
Attorney Docket Number	2400/19

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
DM		US- 4,337,283	06-29-1982	Hass, Jr.	
DM		US- 5,958,527	09-28-1999	Prevost	
DM		US- 6,048,282	04-11-2000	Prevost	
DM		US- 6,338,885	06-15-2002	Prevost	
DM		US- 6,551,689	04-22-2003	Prevost	
DM		US- 6,689,447	02-10-2004	Prevost	
DM		US- 6,723,412	04-20-2004	Prevost	
DM		US- 6,746,752	06-08-2004	Prevost	
DM		US- 6,767,595	07-27-2004	Prevost	
DM		US- 2002/0029515	03-14-2002	Prevost	
DM		US- 2002/0136846	09-26-2002	Prevost	
DM		US- 2004/0058096	03-25-2004	Prevost	
DM		US- 2004/0219308	11-04-2004	Prevost	
DM		US- 2005/0008793	01-13-2005	Prevost	
DM		US- 2005/0031803	02-10-2005	Prevost	
DM		US- 2005/0044656	03-03-2005	Prevost	
		US-			
		US-			
		US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner  
SignatureDate  
Considered

7-7-05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



English language translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

Please type a plus sign (+) inside this box → +

PTO/SB/08A (10-85)  
Approved for use through 10/31/89, OMB 0851-0031  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



Substitute for form 1448A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			<b>Complete If Known</b>		
Sheet	1	of	10	Application Number	10/645,719
				Filing Date	8/20/03
				First Named Inventor	Daniel C. Sawyer
				Group Art Unit	
				Examiner Name	
				Attorney Docket Number	2400/19

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Attached
		Number	Kind Class (if known)			
MP		1,652,776		Galanis	12-13-27	
MP		2,179,631		Holder	11-14-39	
MP		3,304,219		Nickerson	02-14-67	
MP		3,459,179		Olesen	08-05-69	
MP		3,503,841		Sterrett	03-31-70	
MP		3,529,306		Thorne	09-22-70	
MP		3,552,044		Wiele	01-05-71	
MP		3,629,882		Thorne	12-28-71	
MP		3,663,344		Brock et al.	05-16-72	
MP		3,755,063		Massev et al.	08-28-73	
MP		3,816,234		Winfield	06-11-74	
MP		4,011,611		Lederman	03-15-77	
MP		4,139,920		Evans	02-20-79	
MP		4,193,499		Lookholder	03-18-80	
MP		4,343,047		Lazowski et al.	08-10-82	
MP		4,472,472		Schultz	09-18-84	
MP		4,620,633		Lookholder	11-04-86	
MP		4,642,814		Godfrev	02-17-87	
MP		4,657,003		Wirtz	04-14-87	
MP		5,079,787		Pollmann	01-14-92	

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Attached
		Office	Number			
MP		GB	1 378 494	Bolton et al.	12-27-74	
MP		CH	577 328	Not considered	07-15-76	

Examiner Signature: <i>[Signature]</i>	Date Considered: 7-7-05
----------------------------------------	-------------------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 909. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1. Unique citation designation number: See attached listing of U.S. Patent Documents. 2. Enter Office that issued the document by the two-letter code (MPC Standard ST 2). 3. For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 4. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 5. Applicant to place a check mark here if English language Translation is attached.

Bureau and Applicant: This form is estimated to take 20 hours to complete. Time will vary depending upon the needs of the individual case. Any comments should be sent to the Patent and Trademark Office, Patent and Trademark Office, Washington, DC 20503.

+

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**Complete if Known**

## Application Number

(use as many sheets as necessary)

**Filing Date****Filing Date****First Named Inventor**

### Group Art Unit

Examiner Name \_\_\_\_\_

Attorney Docket Number

Sheet 2 of 10



**U.S. PATENT DOCUMENTS**

[illegible]

**FOREIGN PATENT DOCUMENTS**

[illegible]

**Examiner  
Signature**

Date \_\_\_\_\_

**Considered**

7-7-05

Signature [Signature] Considered [initials]

\*EXAMINER: Initial if reference considered, whether or not caption is in conformance with MPEP 509. Draw line through caption if not in conformance and is considered. Include copy of this form with next communication to applicant.

15. Office reviewed this document by the two-letter

considered. Include copy of this form with next communication if applicable.

<sup>1</sup> Unique station designation number. <sup>2</sup> See attached Kings of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year or the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> King of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

number of the patent document. If the document is in a language other than English, a translation must be submitted, if possible. Applicant is to place a check mark here if English language translation is attached.

**Surgeon's Statement** This form is estimated to take 20 hours to complete. Time will vary depending upon the needs of the individual case. Any comment on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20593.

**SEND TO** Assistant Commissioner for Patents, Washington, DC 20593

Please type a plus sign (+) inside this box → +

PTO/SB/08A (10-86)  
Approved for use through 10/31/99, OMB 0651-0031  
Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



Substitute for form 1449A/PTO			<b>Complete If Known</b>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>			Application Number		
			Filing Date		
			First Named Inventor		
			Group Art Unit		
			Examiner Name		
Sheet	3	of	10	Attorney Docket Number	

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>1</sup> (if known)			
<i>AM</i>		3,477,562		Allen et al.	11-11-1969	
<i>AM</i>		3,563,837		Smith et al.	02-16-1971	
<i>AM</i>		3,606,726		Spertus et al.	09-21-1971	
<i>AM</i>		3,889,444		Davis et al.	06-17-1975	
<i>AM</i>		3,968,620		Keltner	07-13-1976	
<i>AM</i>		4,054,204		Keeton	10-18-1977	
<i>AM</i>		4,102,109		Modra et al.	07-25-1978	
<i>AM</i>		4,121,399		Verville	10-24-1978	
<i>AM</i>		4,391,561		Smith et al.	07-05-1983	
<i>AM</i>		4,640,080		Wright	02-03-1987	
<i>AM</i>		5,052,874		Johanson	10-01-1991	
<i>AM</i>		5,079,787		Pollmann	01-14-1992	
<i>AM</i>		5,351,830		Bender et al.	10-04-1994	
<i>AM</i>		5,515,975		Jarvis et al.	05-14-1996	
<i>AM</i>		5,622,030		Steed et al.	04-22-1997	
<i>AM</i>		5,694,747		Tesch	12-09-1997	
<i>AM</i>		5,711,215		Sextl et al.	01-27-1998	
<i>AM</i>		5,712,015		Gullem	01-27-1998	

FOREIGN PATENT DOCUMENTS								
Examiner Initials <sup>2</sup>	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				

Examiner Signature <i>[Signature]</i>	Date Considered <i>7-7-05</i>
---------------------------------------	-------------------------------

<sup>1</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 509. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>2</sup> Unique citation designation number. <sup>3</sup> See attached kinds of U.S. Patent Documents. <sup>4</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>7</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 1.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington DC 20503. **SEND TO: Assistant Commissioner for Patents, Washington DC 20503**

Please type a plus sign (+) inside this box → **+**

Approved for use through 10/31/99, OMB 0651-0031  
 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet **4** of **10**

Complete If Known

Application Number  
 Filing Date  
 First Named Inventor  
 Group Art Unit  
 Examiner Name  
 Attorney Docket Number

## U.S. PATENT DOCUMENTS

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
<i>[Signature]</i>		2,298,218		Madson	06-27-1940	
<i>[Signature]</i>		3,608,961		Heck	09-28-1971	
<i>[Signature]</i>		3,762,404		Sakita	10-02-1973	
<i>[Signature]</i>		3,968,530		Dyson	07-13-1976	
<i>[Signature]</i>		4,171,549		Morrell et al.	10-23-1979	
<i>[Signature]</i>		4,370,754		Donzis	02-01-1983	
<i>[Signature]</i>		4,432,110		Sutton	02-21-1984	
<i>[Signature]</i>		4,475,248		L'Abbe et al.	10-09-1984	
<i>[Signature]</i>		4,577,358		Glass	03-25-1986	
<i>[Signature]</i>		4,606,087		Alivizatos	08-19-1986	
<i>[Signature]</i>		4,607,403		Alivizatos	08-26-1986	
<i>[Signature]</i>		4,905,320		Souvers, Jr.	03-06-1990	
<i>[Signature]</i>		5,134,725		Yeshurun et al.	08-04-1992	
<i>[Signature]</i>		5,152,019		Hirata	10-06-1992	
<i>[Signature]</i>		5,279,237		Alivizatos	01-18-1994	
<i>[Signature]</i>		5,537,688		Reynolds et al.	07-23-1996	
<i>[Signature]</i>		5,733,012		Jones	03-31-1998	
<i>[Signature]</i>		5,778,470		Haider	07-14-1998	
<i>[Signature]</i>		5,826,273		Eckes	10-27-1998	

## FOREIGN PATENT DOCUMENTS

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Office <sup>1</sup>	Number <sup>1</sup>	Kind Code <sup>2</sup> (if known)				
<i>[Signature]</i>		FR	2495-453		Comte	06-11-1982		
<i>[Signature]</i>		FR	2616-655		Luc	12-23-1988		

Examiner  
Signature

*[Signature]*

Date  
Considered

*2-2-05*

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.5 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

**+**

+

**Complete If Known**

## Application Number

Filing Date

First Named Inventor

### Group Art Unit

Examiner Name

Attorney Docket Number

# Sheet

5

of

10

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cita No.†	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code* (if known)			
AK		2,404,758		Teague et al.	12-10-1940	
AK		3,006,780		Shaffer	11-04-1959	
AK		3,304,219		Nickerson	05-02-1962	
AK		3,616,162		Noziere	10-26-1971	
AK		3,857,731		Merrill, Jr. et al.	12-31-1974	
AK		3,864,181		Wolinski et al.	02-04-1975	
AK		4,624,893		Shibano et al.	11-25-1986	
AK		4,705,715		DeCoste, Jr. et al.	11-10-1987	
AK		4,740,416		DeCoste, Jr. et al.	04-26-1988	
AK		4,855,170		Darvell et al.	08-08-1989	
AK		5,055,340		Matsumura et al.	10-08-1991	
AK		5,614,310		Delgado et al.	03-25-1997	
AK		5,720,714		Penrose	02-24-1998	
AK		5,746,013		Fay, Sr.	05-05-1998	
AK		4,756,026		Pierce	07-12-88	
AK		5,301,370		Henson	04-12-94	
AK		3,489,154		Kaspar et al.	01-13-70	
AK		5,916,672		Reeves	06-29-99	

[illegible]

Paul M. J.

7-7-85

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden hour Statement This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231.

Please type a plus sign (+) inside this box → +

PTO/SB/08A (10-88)  
Approved for use through 10/31/89, OMB 0651-0031  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

6

of

10

Complete if Known

Application Number

Filing Date

First Named Inventor

Group Art Unit

Examiner Name

Attorney Docket Number

### OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
EFM		Sales Literature of Faytex Corp., circa 1998	
EFM		Sales Literature of JSP International 1998	
EFM		Sales Brochure "Product Samples" of JSP International 1998	
EFM		Internet Ad of EcoByDesign 2003	
EFM		Internet Ad of Midwest Padding 2003	
EFM		Internet Ad of SilentWalk 2003	
EFM		Internet Ad of Tuplex Corp. 2003	

Examiner  
Signature

Date  
Considered

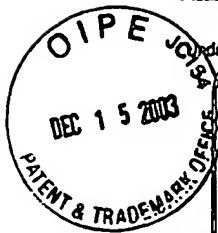
7-7-05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement This form is estimated to take 2.5 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231.

+



**Complete if Known**

**(use as many sheets as necessary)**

Sheet 7 of 10

Attorney Docket Number

Examiner Initials*	Cite No.¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code² (if known)			
W		5,888,642		Meteer et al.	3-1999	
W		5,916,672		Reeves et al.	6-1999	
W		3,489,154		Kaspar et al.	1-1970	
W		5,073,444		Shanelee	12-1991	
W		3,856,721		Fritschel	12-24-1974	
W		4,034,506		Kasahara	7-12-1977	
W		4,250,136		Rex	2-10-1981	
W		4,303,729		Torobin	12-1-1981	
W		5,837,739		Nowak	11-17-1998	
W		5,100,258		VanWagoner	3-31-1992	
W		5,102,260		Horvath	4-7-1992	
W		5,713,696		Horvath	2-3-1998	
W		5,920,915		Bainbridge	7-13-1999	
W		6,032,300		Bainbridge	3-7-2000	
W		6,055,676		Bainbridge	5-2-2000	
W		6,098,209		Bainbridge	8-8-2000	
W		6,301,722		Nickerson	10-16-2001	
W		6,357,054		Bainbridge	3-19-2002	
W		6,453,477		Bainbridge	9-24-2002	
W		6,453,477		Bainbridge	9-24-2002	

[illegible]Date  
Considered

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

Please type a plus sign (+) inside this box → +

PTO/SB/08A (10-86)  
Approved for use through 10/31/99, OMB 0651-0031  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet **8** of **10**

### Complete If Known

Application Number  
Filing Date  
First Named Inventor  
Group Art Unit  
Examiner Name  
Attorney Docket Number

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
<i>W</i>		3,354,578		Ryan	11-28-1967	
<i>W</i>		3,640,787		Heller	02-08-1972	
<i>W</i>		3,683,469		Weissmahr	05-16-1972	
<i>W</i>		3,676,288		Hoyle	07-11-1972	
<i>W</i>		3,978,263		Wellensiek	08-31-1976	
<i>W</i>		4,229,398		Harvey	10-21-1980	
<i>W</i>		4,240,998		Lichter et al.	12-23-1980	
<i>W</i>		4,243,617		Burns	01-06-1981	
<i>W</i>		4,443,286		Ikeda et al.	04-17-1984	
<i>W</i>		4,492,877		Burnett	01-15-1985	
<i>W</i>		5,080,737		Shoner	01-14-1992	
<i>W</i>		5,587,231		Mereer et al.	12-24-1996	
<i>W</i>		6,027,806		Abe et al.	02-22-2000	
<i>W</i>		4,239,519		Beall et al.	12-16-1980	
<i>W</i>		4,441,905		Malmendier et al.	4-10-1984	
<i>W</i>		4,751,202		Toussaint	6-14-1988	
<i>W</i>		4,751,203		Toussaint	6-14-1988	
<i>W</i>		4,989,794		Askew et al.	2-5-1991	
<i>W</i>		5,292,840		Heilmann et al.	3-8-1994	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			

Examiner Signature	<i>[Signature]</i>	Date Considered	7-7-05
--------------------	--------------------	-----------------	--------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

+

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



**Complete if Known**

## Application Number

**Filing Date****First Named Inventor**

### Group Art Unit

**Examiner Name**

Attorney Docket Number

*(use as many sheets as necessary)*

Sheet	9	of	10
-------	---	----	----

[illegible]

**Examiner  
Signature**

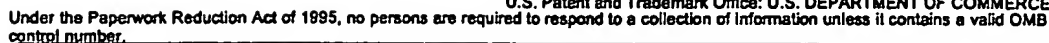
Date  
Considered

7-7-05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**



Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO

*(use as many sheets as necessary)*

Sheet	10	of	10
-------	----	----	----

**Complete If Known**

Application Number
Filing Date
First Named Inventor
Art Unit
Examiner Name
Attorney Docket Number

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner  
Signature**

Date Considered

7-7-05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.